

**Project Design Phase-I**  
**Proposed Solution Template**

Date	24-09-2022
Team ID	PNT2022TMID50055
Project Name	Smart waste management using IOT for metropolitan cities
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Population growth and rapid urbanization lead to a huge increase in waste generation, so the traditional methods of waste collection have become inefficient and costly.
2.	Idea / Solution description	Most efficient way this extraordinary amount of waste can be solved is through smart waste management with obsolete methods of waste collection.
3.	Novelty / Uniqueness	Save money, protect the local environment, create jobs, build resilience, reduce emissions and promote community.
4.	Social Impact / Customer Satisfaction	Clean Cities, Healthy Environment
5.	Business Model (Revenue Model)	Offering Software as a Service model to Government.
6.	Scalability of the solution	The project is very effective in managing waste in any big city. Here priority system is used to the city is clean all the time without any overflowing dumpsters.